LDWSF 12.3.54
08/11/99

Lone Star Northwest R# 10913
5975 E. Marginal Way S.
Seattle, WA. 98134

8/05/99 9:15 am

Debbie K. and I arrived on site and contacted Ned Pettit, the environmental manager for Lone Star. We also contacted Kent Brovold, the yard foreman. We discussed the inspection objectives:

- Review the equipment list and make changes if necessary
- Review baghouse O&M records
- Discuss the operations at the facility
- Inspect the facility
- Review the O&M requirements for the stage I underground gasoline tank
- Inspect the underground gasoline tank

The source operates the facility from 6:30 am until 2:30 PM Monday through Friday. The source operates ready mix plant number 1 and ready mix plant number 2. Sand, gravel, cement, flyash, and water are mixed in the ready mix plants to make concrete. The transport trucks deliver cement to the bulk cement silos. Barges deliver sand and gravel to the facility. The cement trucks make daily deliveries to the facility. The driver activates the baghouse on the cement silo prior to filling the silos. An individual named Ken Hudson conducts monthly maintenance on all of the baghouses at the facility. We reviewed the equipment list. We observed that baghouses number 1, 3, and 4, control emissions from the # 1 (Erie) ready mix plant. Baghouses number 3, 4, and 2 control emissions from the # 2 (Nikko) ready mix plant. Conveyors deliver sand and gravel from the storage piles to the ready mix plants. Cement and flyash silos above the ready mix plants supply these ingredients to make the concrete mixture. The flyash adds strength to the concrete and makes it easier to pump. The source produces over 500 different mixtures of concrete.

We reviewed the baghouse O&M records. The monthly checks include the monitoring of the pressure differential, the condition of the bags, the pulse jet system, the belts, the fans, and any visible emissions coming from the stack. I noted that on 7/15/99 the pressure differential reading on baghouse # 4 was 10 psi, and # 9 was zero psi. I advised Mr. Petit to establish appropriate pressure differential ranges for each of the seven baghouses at the facility.

All of the rainwater as well of the water from the water truck sprayed on the yard is collected and treated. The source adds carbon dioxide and hydrochloric acid to the water before discharging it. The source treats and discharges approximately 300,000 gallons of water per day. Prior to discharging the water, the source tests it for turbidity, pH, total suspended particulate and chloride. The source reports quarterly to DOE under their NPDES permit.

Debbie K explained the Reg. II section 2.07 gasoline station requirements for the 6,000-gallon underground gasoline storage tank at the facility. She inspected the equipment (see attachment.)

We conducted an inspection of the facility. I observed that both of the ready mix plants were on line. I observed a water truck washing the yard with large amounts of water during the inspection. I observed no visible emissions from any of the equipment or processes at the facility.

Following the inspection we conducted a brief closing conference and departed from the facility.

M. Kuker 8/11/99